

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000531

A. CLASSIFICATION OF SUBJECT MATTER
Int. Cl⁷ G01J1/02, H01J31/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl⁷ G01J1/00-1/02, G01J1/42, G01J11/00, G01T1/20-1/28, H01J31/50

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CD-ROM of the specification and drawings annexed to the request of Japanese Utility Model Application No. 11803/1992 (Laid-open No. 73587/1993) (Mitsubishi Electric Corp.), 08 October, 1993 (08.10.93), Full text; Figs. 1 to 5 (Family: none)	1-8
A	WO 96/33508 A1 (STICHTING VOOR FUNDAMENTEEL ONDERZOEK DER MATERIE), 24 October, 1996 (24.10.96), Full text; Figs. 1 to 4 & JP 11-503865 A & US 6049079 A	1-8

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

- A- document defining the general state of the art which is not considered to be of particular relevance
- E- earlier application or patent but published on or after the international filing date
- L- document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- O- document referring to an oral disclosure, use, exhibition or other means
- P- document published prior to the international filing date but later than the priority date claimed

-T- later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

-X- document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

-Y- document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

-&- document member of the same patent family

Date of the actual completion of the international search
21 April, 2005 (21.04.05)

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Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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PCT/JP2005/000531

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 10-48044 A (Hamamatsu Photonics Kabushiki Kaisha), 20 February, 1998 (20.02.98), Full text; Figs. 1 to 9 & US 5866897 A & EP 829782 A2	1-8